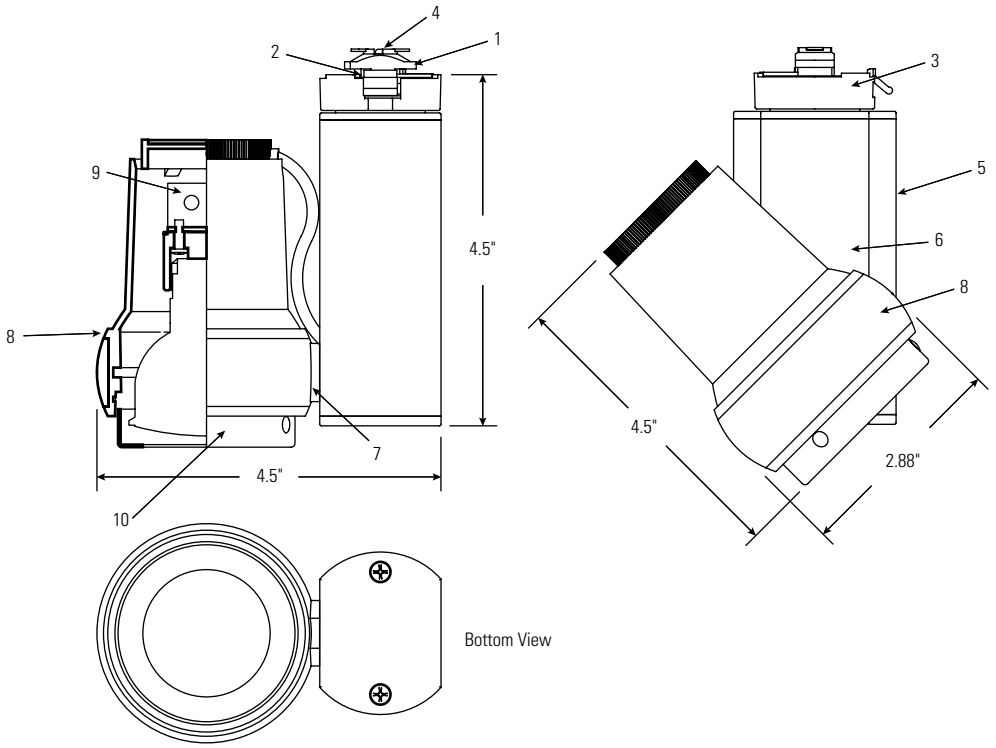
# Lytespan® Track Lighting **8100**



Step Spot Mini HID 20W MR16 CMH




| Catalog No. | Finish | Lamp |
|---|---|---|
| **8100WH** | White | |
| **8100BK** | Black | 20W MR16 CMH (M156) GX10 base |
| **8100AL** | Aluminum | Not included |

## Features

1. **Track Attachment Fitting:** Molded polycarbonate, rotates into track.
2. **Push Tab:** Molded polycarbonate. Locks and detaches unit.
3. **Track Adaptor Housing:** Die-cast aluminum.
4. **Movable Contact:** Solid brass. Extends for connection to 2nd circuit in Advent track.
5. **Ballast Housing:** Extruded aluminum housing with die-cast aluminum end caps.
6. **Ballast:** High Power Factor metal halide electronic ballast. Thermally protected, 0.20A maximum input current, 24.5W input power.
7. **Tension Pivot Mounts:** Allows for 350° horizontal and 180° vertical rotation with tensioned mounts for controlled aim.
8. **Lamp Housing:** Die-cast aluminum with cool-grip® insulation band; a high temperature silicone rubber which allows aiming adjustments while fixture is on. Integral color.
9. **Lampholder:** Twist and lock base. 5kV (600V) pulse rated heat resistant thermo plastic body socket with nickel-plated contacts. 18 AWG silicone leads with fiberglass outer sleeve.
10. **Cowl:** Painted steel; steel springs hold lamp front and accessories; secured to housing with springs.

## Accessories

Holder: Integral, holds one accessory
Diffusion/Special Filters: AF2 series
Color Filters: ADF2 series
Louver (Hex Cell): AL2HC

## Mounting

All Monopoint, Multipoint, recessed track, suspension track, suspension stems, sloped ceiling adapter, Basic, Advent and Radius Track systems only. Ceiling and horizontal or vertical wall mounted. Not compatible with ProSpec track system.

## Finish

All painted finishes are baked powder or enamel.

## Markings

cCSAus Certified for dry locations only.

**Job Information** **Type:**

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

**Lightolier** a Genlyte company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2007 Genlyte Group LLC • B0607

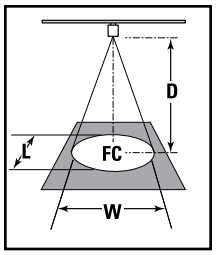
LIGHTOLIER®

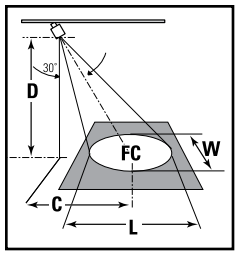
## Aiming Angle:

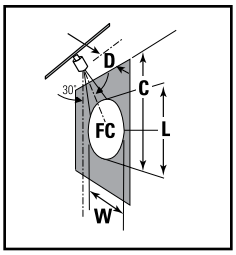
**L** Beam length
**W** Beam Width
**C** Distance to center beam
**D** Distance
**A** Aiming Angle
**FC** Footcandles

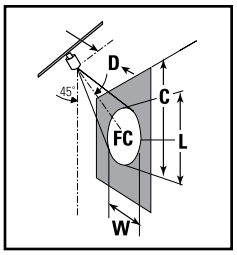
**L** and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

Lamp data shown is typical. Consult lamp manufacturers for availability and performance.
CBCP = Center Beam Candle Power.




| Lamp | Beam Spread (To 50% CBCP) | CBCP | Rated Life (Hrs.) | 0° D | 0° FC | 0° L | 0° W | 30° Horizontal D | 30° Horizontal C | 30° Horizontal FC | 30° Horizontal L | 30° Horizontal W | 30° Vertical D | 30° Vertical C | 30° Vertical FC | 30° Vertical L | 30° Vertical W | 45° Vertical D | 45° Vertical C | 45° Vertical FC | 45° Vertical L | 45° Vertical W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GE CMH20MR16/SP | 12° | 9000 | 9000 | 8' | 141 | 1.7' | 1.7' | 8' | 4.6' | 91 | 2.3' | 1.9' | 3' | 5.2' | 125 | 2.6' | 1.3' | 4' | 4.0' | 199 | 1.7' | 1.2' |
| | | | | 10' | 90 | 2.1' | 2.1' | 10' | 5.8' | 58 | 2.8' | 2.4' | 4' | 6.9' | 70 | 3.5' | 1.7' | 5' | 5.0' | 127 | 2.1' | 1.5' |
| | | | | 12' | 63 | 2.5' | 2.5' | 12' | 6.9' | 41 | 3.4' | 2.9' | 5' | 8.7' | 45 | 4.3' | 2.1' | 6' | 6.0' | 88 | 2.6' | 1.8' |
| | | | | 14' | 46 | 2.9' | 2.9' | 14' | 8.1' | 30 | 3.9' | 3.4' | 6' | 10.4' | 31 | 5.2' | 2.5' | 7' | 7.0' | 65 | 3.0' | 2.1' |
| GE CMH20MR16/FL | 25° | 2900 | 9000 | 6' | 81 | 2.7' | 2.7' | 6' | 3.5' | 52 | 3.6' | 3.1' | 2' | 3.5' | 91 | 4.2' | 1.8' | 3' | 3.0' | 114 | 2.8' | 1.9' |
| | | | | 8' | 45 | 3.5' | 3.5' | 8' | 4.6' | 29 | 4.8' | 4.1' | 3' | 5.2' | 40 | 6.2' | 2.7' | 4' | 4.0' | 64 | 3.7' | 2.5' |
| | | | | 10' | 29 | 4.4' | 4.4' | 10' | 5.8' | 19 | 6.0' | 5.1' | 4' | 6.9' | 23 | 8.3' | 3.5' | 5' | 5.0' | 41 | 4.7' | 3.1' |
| | | | | 12' | 20 | 5.3' | 5.3' | 12' | 6.9' | 13 | 7.2' | 6.1' | 5' | 8.7' | 15 | 10.4' | 4.4' | 6' | 6.0' | 28 | 5.6' | 3.8' |
| GE CMH20MR16/WFL | 40° | 1500 | 9000 | 6' | 42 | 4.4' | 4.4' | 4' | 2.3' | 61 | 4.1' | 3.4' | 2' | 3.5' | 47 | 9.7' | 2.9' | 2' | 2.0' | 133 | 3.4' | 2.1' |
| | | | | 8' | 23 | 5.8' | 5.8' | 6' | 3.5' | 27 | 6.1' | 5.0' | 3' | 5.2' | 21 | 14.5' | 4.4' | 3' | 3.0' | 59 | 5.0' | 3.1' |
| | | | | 10' | 15 | 7.3' | 7.3' | 8' | 4.6' | 15 | 8.1' | 6.7' | 4' | 6.9' | 12 | 19.3' | 5.8' | 4' | 4.0' | 33 | 6.7' | 4.1' |
| | | | | 12' | 10 | 8.7' | 8.7' | 10' | 5.8' | 10 | 10.2' | 8.4' | 5' | 8.7' | 8 | 24.2' | 7.3' | 5' | 5.0' | 21 | 8.4' | 5.1' |

**Job Information** **Type:**

**Lightolier** a Genlyte company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2007 Genlyte Group LLC • B0607

LIGHTOLIER®